

```
? e au=valenzuela, j?
Ref  Items  Index-term
E1   1      AU=VALENZUELA, J.M.G.
E2   2      AU=VALENZUELA, J.R.
E3   0      AU=VALENZUELA, J?
E4   1      AU=VALENZUELA, JAIME
E5   1      AU=VALENZUELA, JANICE R.
E6   10     AU=VALENZUELA, JAVIER
E7   10     AU=VALENZUELA, JAVIER A.
E8   4      AU=VALENZUELA, JAVIER O
E9   4      AU=VALENZUELA, JAVIER O.
E10  7       AU=VALENZUELA, JE
E11  1      AU=VALENZUELA, JENNIFER
E12  1      AU=VALENZUELA, JESS
E13  1      AU=VALENZUELA, JESSE ANTHONY
E14  2      AU=VALENZUELA, JESSICA MARIE
E15  10     AU=VALENZUELA, JESUS
E16  1      AU=VALENZUELA, JESUS CAUSAPE
E17  38     AU=VALENZUELA, JESUS G
E18  115    AU=VALENZUELA, JESUS G.
E19  2      AU=VALENZUELA, JESUS GILBERTO
E20  3      AU=VALENZUELA, JESUS L
E21  15     AU=VALENZUELA, JESUS L.
E22  1      AU=VALENZUELA, JF
E23  41     AU=VALENZUELA, JG
E24  1      AU=VALENZUELA, JG*
E25  2      AU=VALENZUELA, JI
      Enter PAGE for more
```

```
? s e15-e21
      10      AU=VALENZUELA, JESUS
      1      AU=VALENZUELA, JESUS CAUSAPE
      38     AU=VALENZUELA, JESUS G
      115    AU=VALENZUELA, JESUS G.
      2      AU=VALENZUELA, JESUS GILBERTO
      3      AU=VALENZUELA, JESUS L
      15     AU=VALENZUELA, JESUS L.
S1    184    S E15-E21
```

```
? rd
>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S2    130    RD (UNIQUE ITEMS)
```

```
? s s2 and ariasí
      130    S2
      959    ARIASI
S3     7     S S2 AND ARIASI
```

```
? t s3/3,k/1-7
>>>W: KWIC option is not available in file(s): 399
3/3,k/1 (Item 1 from file: 24) Links
Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0003014109 IP Accession No: 7288960
Identification and characterization of a salivary adenosine deaminase from the sand
fly Phlebotomus duboscqi, the vector of Leishmania major in sub-Saharan Africa
```

Kato, Hiroto; Jochim, Ryan C; Lawyer, Phillip G; Valenzuela, Jesus G Vector  
Molecular Biology Unit, Laboratory of Malaria and Vector Research, National  
Institute of Allergy and Infectious Diseases, National Institutes of Health, 12735

ariasi.txt

Twinbrook Parkway, Room 2E-22C, Rockville, MD 20852, USA Department of Veterinary Hygiene, Faculty of Agriculture, Yamaguchi University, Japan Preventive Medicine and Biometrics, Emerging Infectious Diseases, Uniformed Services University of the Health Sciences, Bethesda, MD20814 Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, NIH, Rockville, MD 20852, USA  
Journal of Experimental Biology, v 210, n 5, p 733-740, March 1, 2007  
Publication Date: 2007  
Publisher: Company of Biologists, 140 Cowley Road Cambridge CB4 0DL UK,  
[URL:<http://www.biologists.com/web/index.html>]

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0022-0949

Electronic Issn: 1477-9145

File Segment: Entomology Abstracts

Kato, Hirotomo; Jochim, Ryan C; Lawyer, Phillip G; Valenzuela, Jesus G

Abstract:

...in the saliva of the sand flies *Phlebotomus papatasi*, *P. argentipes*, *P. perniciosus* and *P. ariasi*, suggesting that this enzyme is only present in the saliva of sand flies from the...

3/3,K/2 (Item 2 from file: 24) Links

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0002908863 IP Accession No: 7034614

Comparative salivary gland transcriptomics of sandfly vectors of visceral leishmaniasis

Anderson, Jennifer M; Oliveira, Fabiano; Kamhawi, Shaden; Mans, Ben J; Reynoso, David; Seitz, Amy E; Lawyer, Phillip; Garfield, Mark; Pham, MyVan; Valenzuela, Jesus G Vector Molecular Biology Unit, Laboratory of Malaria and Vector Research, NIAID, NIH

BMC Genomics, v 7, n 1, p [np], 2006

Publication Date: 2006

Publisher: BioMed Central Ltd., Middlesex House 34-42 Cleveland Street London W1T 4LB UK, [mailto:[info@biomedcentral.com](mailto:info@biomedcentral.com)], [URL:<http://www.biomedcentral.com>]

Publisher Url: [URL:<http://www.biomedcentral.com/1471-2164/7/52>]

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 1471-2164

Electronic Issn: 1471-2164

Numbers: Article No. 52

File Segment: Genetics Abstracts; Entomology Abstracts

...Shaden; Mans, Ben J; Reynoso, David; Seitz, Amy E; Lawyer, Phillip; Garfield, Mark; Pham, MyVan; Valenzuela, Jesus G

Abstract:

...using these two cDNA libraries and two other sandfly salivary gland cDNA libraries from *P. ariasi* and *Lutzomyia longipalpis*, also vectors of visceral leishmaniasis. Full-length secreted proteins from each sandfly...

3/3,K/3 (Item 3 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

Page 2

ariasí.txt

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0002867878 IP Accession No: 6965986

From transcriptome to immunome: Identification of DTH inducing proteins from a *Phlebotomus ariasi* salivary gland cDNA library

Oliveira, Fabiano; Kamhawi, Shaden; Seitz, Amy E; Pham, van My; Guigal, Pierre M; Fischer, Laurent; ward, Jerrold; Valenzuela, Jesus G Vector Molecular Biology Unit, Laboratory of Malaria and Vector Research, National Institute of Allergy and Infectious Diseases, NIH, 12735 Twinbrook Parkway, Room 2E-22C, Rockville, Maryland 20852, USA, [mailto:jvalenzuela@niaid.nih.gov]

Vaccine, v 24, n 3, p 374-390, 2006

Publication Date: 2006

Publisher: Butterworth-Heinemann, 313 Washington St. Newton MA 02158 USA

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0264-410X

File Segment: Entomology Abstracts; Medical & Pharmaceutical Biotechnology

Abstracts; Immunology Abstracts

From transcriptome to immunome: Identification of DTH inducing proteins from a *Phlebotomus ariasi* salivary gland cDNA library

...Kamhawi, Shaden; Seitz, Amy E; Pham, van My; Guigal, Pierre M; Fischer, Laurent; ward, Jerrold; Valenzuela, Jesus G

Abstract:

...and DNA immunisation were used to identify twelve DTH inducing proteins isolated from a *Phlebotomus ariasi* salivary gland cDNA library. Additionally, nine *P. ariasi* DNA plasmids produced specific anti-saliva antibodies, four of these showed a Th1 immune response... plasmids, mice previously exposed to sand fly saliva were intradermally injected once with selected *P. ariasi* plasmids and a specific DTH response consisting of infiltration of mononuclear cells in varying proportions...

Descriptors: ...Salivary gland; DNA sequencing; Hypersensitivity (delayed); Leukocytes (mononuclear); Saliva; Vector-borne diseases; Disease transmission; *Phlebotomus ariasi*; Psychodidae

Identifiers:

3/3,K/4 (Item 1 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

140405472 CA: 140(25)405472y

PATENT

Protein and cDNA sequences of *Lutzomyia longipalpis* antigens and their uses in leishmaniasis diagnosis and therapy

Inventor (Author): Valenzuela, Jesus G.; Ribeiro, Jose M. c.; Barral, Aldina; Netto, Manoel; Brodskyn, Claudia; Gomes, Regis

Location: USA

Assignee: The Government of the United States of America, as Represented by the Secretary of Health and Human Services; Centro De Pesquisas Goncalo Moniz

Patent: PCT International ; WO 200439958 A2 Date: 20040513

Application: WO 2003US34453 (20031029) \*US PV422303 (20021029)

Pages: 145 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: C12N-000/A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU;

Page 3

ariasí.txt

ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK;  
MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ;  
MD

Designated Regional: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG;  
CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI;  
SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

3/3,K/5 (Item 2 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

140298633 CA: 140(19)298633c

PATENT

Protein and nucleic acid sequences of P. ariasi and P. perniciosus polypeptides and  
its therapeutic uses

Inventor (Author): Valenzuela, Jesus G.; Ribiero, Jose M. C.; Kamhawi, Shaden;  
Belkaid, Yasmine; Fischer, Laurent; Audonnet, Jean-Christophe; Milward, Francis  
Location: USA

Assignee: The Government of the United States of America as Represented by the  
Secretary of the Department of Health and Human Services; Meril Limited

Patent: PCT International; WO 200427041 A2 Date: 20040401

Application: WO 2003US29833 (20030918) \*US PV412327 (20020919) \*US PV425852  
(20021112)

Pages: 200 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: C12N-000/A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH;  
CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU;  
ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK;  
MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ;  
MD

Designated Regional: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG;  
CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI;  
SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

3/3,K/6 (Item 1 from file: 185) Links

Fulltext available through: STIC Full Text Retrieval Options

Zoological Record Online(R)

(c) 2008 The Thomson Corp. All rights reserved.

05808460 BIOSIS No. 14308050296

Identification and characterization of a salivary adenosine deaminase from the sand  
fly *Phlebotomus duboscqi*, the vector of *Leishmania major* in sub-Saharan Africa.

Authors: Kato, Hirotomo; Jochim, Ryan C.; Lawyer, Phillip G.; Valenzuela, Jesus G.

(a)

Authors Address: (a) NIAID, Vector Mol Biol Unit, 12735 Twinbrook Pkwy, Room 2E-22C,  
Rockville, MD 20852; USA jvalenzuela@niaid.nih.gov

Source: Journal of Experimental Biology 210(5), March 1 2007: 733-740. [Print]

Document Type: Article

ISSN: 0022-0949

Languages: English Summary Languages: English

Record Type: Abstract

Authors: Kato, Hirotomo; Jochim, Ryan C.; Lawyer, Phillip G.; Valenzuela, Jesus G...

Abstract: ...in the saliva of the sand flies *Phlebotomus papatasi*, *P. argentipes*, *P. perniciosus* and *P. ariasi*, suggesting that this enzyme is only present in the saliva of sand flies from the...

3/3,K/7 (Item 2 from file: 185) Links  
 Fulltext available through: STIC Full Text Retrieval Options  
 Zoological Record Online(R)  
 (c) 2008 The Thomson Corp. All rights reserved.  
 05768829 BIOSIS No. 14302012766  
 Comparative salivary gland transcriptomics of sandfly vectors of visceral  
 leishmaniasis.

Authors: Anderson, Jennifer M.; Oliveira, Fabiano; Kamhawi, Shaden; Mans, Ben J.;  
 Reynoso, David; Seitz, Amy E.; Lawyer, Phillip; Garfield, Mark; Pham, MyVan ;  
 Valenzuela, Jesus G. (a)  
 Authors Address: (a) Vector Molecular Biology Unit, Laboratory of Malaria and Vector  
 Research, National Institutes of Allergy and Infectious Diseases, National  
 Institutes of Health, Bethesda, Maryland 20892; USA jvalenzuela@niaid.nih.gov  
 Source: BMC Genomics 7(52), 15 March 2006: Unpaginated.  
<http://www.biomedcentral.com/content/pdf/1471-2164-7-52.pdf> [viewed 05 January,  
 2007] [Online]

Document Type: Article  
 ISSN: 1471-2164

Languages: English Summary Languages: English

Record Type: Abstract

Authors: ...Shaden; Mans, Ben J.; Reynoso, David; Seitz, Amy E.; Lawyer, Phillip;  
 Garfield, Mark; Pham, MyVan; Valenzuela, Jesus G...

Abstract: ...using these two cDNA libraries and two other sandfly salivary gland  
 cDNA libraries from *P. ariasi* and *Lutzomyia longipalpis*, also vectors of visceral  
 leishmaniasis. Full-length secreted proteins from each sandfly...

Descriptors:  
 ...Phlebotomus ariasi,

Systematics:

*Lutzomyia longipalpis*--( Psychodidae )  
*Phlebotomus argentipes*--( Psychodidae )  
*Phlebotomus ariasi*--( Psychodidae )  
*Phlebotomus perniciosus*--( Psychodidae )

? e au=ribiero, jose

Ref	Items	Index-term
E1	1	AU=RIBIERO, J. D.
E2	1	AU=RIBIERO, J.D
E3	0	AU=RIBIERO, JOSE
E4	2	AU=RIBIERO, JOSE CARLOS
E5	1	AU=RIBIERO, JOSE M. C.
E6	3	AU=RIBIERO, K.
E7	1	AU=RIBIERO, L.
E8	3	AU=RIBIERO, L. P.
E9	1	AU=RIBIERO, L. V.
E10	1	AU=RIBIERO, LUIZ P.
E11	1	AU=RIBIERO, M.
E12	1	AU=RIBIERO, M. DE N. G.
E13	2	AU=RIBIERO, M.F
E14	2	AU=RIBIERO, P.
E15	3	AU=RIBIERO, PAULO
E16	1	AU=RIBIERO, R.
E17	3	AU=RIBIERO, RODRIGO S.
E18	1	AU=RIBIERO, S.
E19	1	AU=RIBIERO, SOLANGE M.
E20	1	AU=RIBIERO, SONIA
E21	1	AU=RIBIERO, U.
E22	1	AU=RIBIERO, ZOLIDE M.

arias.txt

E23 1 AU=RIBIERODOVALLE LE  
E24 15 AU=RIBIERRE F  
E25 11 AU=RIBIERRE F.  
Enter PAGE for more

? s e1-e5  
1 AU=RIBIERO, J. D.  
1 AU=RIBIERO, J.D  
0 AU=RIBIERO, JOSE  
2 AU=RIBIERO, JOSE CARLOS  
1 AU=RIBIERO, JOSE M. C.  
S4 5 S E1-E5

? s s4 and ariasi  
5 S4  
959 ARIASI  
S5 1 S S4 AND ARIASI

? e au=kamhawi, shaden  
Ref Items Index-term  
E1 2 AU=KAMHAWI, S.A.  
E2 5 AU=KAMHAWI, SA  
E3 57 AU=KAMHAWI, SHADEN  
E4 3 AU=KAMHAWI, SHADEN A.  
E5 1 AU=KAMHAWI, W.  
E6 4 AU=KAMHAWY A  
E7 3 AU=KAMHAWY A.  
E8 13 AU=KAMHAWY M  
E9 6 AU=KAMHAWY M A  
E10 1 AU=KAMHAWY M.A.  
E11 1 AU=KAMHAWY MA  
E12 1 AU=KAMHAWY MEDHAT  
E13 1 AU=KAMHAWY S M  
E14 6 AU=KAMHAWY S.M.  
E15 5 AU=KAMHAWY SABRY M  
E16 3 AU=KAMHAWY SM  
E17 1 AU=KAMHAWY, AMR  
E18 6 AU=KAMHAWY, M.  
E19 5 AU=KAMHAWY, M. A.  
E20 1 AU=KAMHAWY, MOHAMED S. M.  
E21 1 AU=KAMHAWY, MOHAMED SABRY MOHAMED  
E22 2 AU=KAMHAWY, S. M.  
E23 4 AU=KAMHAWY, SABRY M  
E24 2 AU=KAMHAWY, SABRY M.  
E25 43 AU=KAMHEANG CHATURACHINDA  
Enter PAGE for more

? s e1-e4  
2 AU=KAMHAWI, S.A.  
5 AU=KAMHAWI, SA  
57 AU=KAMHAWI, SHADEN  
3 AU=KAMHAWI, SHADEN A.  
S6 67 S E1-E4

? s s6 and ariasi  
67 S6  
959 ARIASI  
S7 6 S S6 AND ARIASI

? rd

>>>W: Duplicate detection is not supported for File 393.  
Duplicate detection is not supported for File 391.  
Records from unsupported files will be retained in the RD set.

S8 4 RD (UNIQUE ITEMS) ariasi.txt

? t s8/3,k/1-4

>>>W: KWIC option is not available in file(s): 399

8/3,K/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0002908863 IP Accession No: 7034614

Comparative salivary gland transcriptomics of sandfly vectors of visceral leishmaniasis

Anderson, Jennifer M; Oliveira, Fabiano; Kamhawi, Shaden; Mans, Ben J; Reynoso, David; Seitz, Amy E; Lawyer, Phillip; Garfield, Mark; Pham, MyVan; Valenzuela, Jesus G Vector Molecular Biology Unit, Laboratory of Malaria and Vector Research, NIAID, NIH

BMC Genomics , v 7 , n 1 , p [np] , 2006

Publication Date: 2006

Publisher: BioMed Central Ltd., Middlesex House 34-42 Cleveland Street London W1T

4LB UK, [mailto:info@biomedcentral.com], [URL:http://www.biomedcentral.com]

Publisher Url: [URL:http://www.biomedcentral.com/1471-2164/7/52]

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 1471-2164

Electronic Issn: 1471-2164

Numbers: Article No. 52

File Segment: Genetics Abstracts; Entomology Abstracts

Anderson, Jennifer M; Oliveira, Fabiano; Kamhawi, Shaden; Mans, Ben J; Reynoso, David; Seitz, Amy E; Lawyer, Phillip; Garfield, Mark; Pham, MyVan...

Abstract:

...using these two cDNA libraries and two other sandfly salivary gland cDNA libraries from *P. ariasi* and *Lutzomyia longipalpis*, also vectors of visceral leishmaniasis. Full-length secreted proteins from each sandfly...

8/3,K/2 (Item 2 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0002867878 IP Accession No: 6965986

From transcriptome to immunome: Identification of DTH inducing proteins from a *Phlebotomus ariasi* salivary gland cDNA library

Oliveira, Fabiano; Kamhawi, Shaden; Seitz, Amy E; Pham, van My; Guigal, Pierre M; Fischer, Laurent; Ward, Jerrold; Valenzuela, Jesus G Vector Molecular Biology Unit, Laboratory of Malaria and Vector Research, National Institute of Allergy and Infectious Diseases, NIH, 12735 Twinbrook Parkway, Room 2E-22C, Rockville, Maryland 20852, USA, [mailto:jvalenzuela@niaid.nih.gov]

vaccine , v 24 , n 3 , p 374-390 , 2006

Publication Date: 2006

Publisher: Butterworth-Heinemann, 313 Washington St. Newton MA 02158 USA

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0264-410X

File Segment: Entomology Abstracts; Medical & Pharmaceutical Biotechnology Abstracts; Immunology Abstracts

ariasii.txt  
From transcriptome to immunome: Identification of DTH inducing proteins from a  
Phlebotomus ariasii salivary gland cDNA library

Oliveira, Fabiano; Kamhawi, Shaden; Seitz, Amy E; Pham, van My; Guigal, Pierre M;  
Fischer, Laurent; Ward, Jerrold; Valenzuela...

Abstract:

...and DNA immunisation were used to identify twelve DTH inducing proteins isolated  
from a Phlebotomus ariasii salivary gland cDNA library. Additionally, nine P. ariasii  
DNA plasmids produced specific anti-saliva antibodies, four of these showed a Th1  
immune response... ..plasmids, mice previously exposed to sand fly saliva were  
intradermally injected once with selected P. ariasii plasmids and a specific DTH  
response consisting of infiltration of mononuclear cells in varying proportions...

Descriptors: ...Salivary gland; DNA sequencing; Hypersensitivity (delayed);  
Leukocytes (mononuclear); Saliva; Vector-borne diseases; Disease transmission;  
Phlebotomus ariasii; Psychodidae  
Identifiers:

8/3,K/3 (Item 1 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

140298633 CA: 140(19)298633c PATENT  
Protein and nucleic acid sequences of P. ariasii and P. perniciosus polypeptides and  
its therapeutic uses

Inventor (Author): Valenzuela, Jesus G.; Ribiero, Jose M. C.; Kamhawi, Shaden;  
Belkaid, Yasmine; Fischer, Laurent; Audonnet, Jean-Christophe; Milward, Francis  
Location: USA

Assignee: The Government of the United States of America as Represented by the  
Secretary of the Department of Health and Human Services; Meril Limited  
Patent: PCT International; WO 200427041 A2 Date: 20040401

Application: WO 2003US29833 (20030918) \*US PV412327 (20020919) \*US PV425852  
(20021112)

Pages: 200 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: C12N-000/A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH;  
CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU;  
ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK;  
MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ;  
MD

Designated Regional: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG;  
CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI;  
SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3,K/4 (Item 1 from file: 185) Links

Fulltext available through: STIC Full Text Retrieval Options  
Zoological Record Online(R)

(c) 2008 The Thomson Corp. All rights reserved.

05768829 BIOSIS No. 14302012766

Comparative salivary gland transcriptomics of sandfly vectors of visceral  
leishmaniasis.

Authors: Anderson, Jennifer M.; Oliveira, Fabiano; Kamhawi, Shaden; Mans, Ben J.;  
Reynoso, David; Seitz, Amy E.; Lawyer, Phillip; Garfield, Mark; Pham, MyVan;  
Valenzuela, Jesus G. (a)

Authors Address: (a) Vector Molecular Biology Unit, Laboratory of Malaria and Vector  
Page 8



Research, National Institutes of Allergy and Infectious Diseases, National  
 Institutes of Health, Bethesda, Maryland 20892; USA jvalenzuela@niaid.nih.gov  
 Source: BMC Genomics 7(52), 15 March 2006: Unpaginated.  
<http://www.biomedcentral.com/content/pdf/1471-2164-7-52.pdf> [viewed 05 January,  
 2007] [Online]

Document Type: Article

ISSN: 1471-2164

Languages: English Summary Languages: English

Record Type: Abstract

Authors: Anderson, Jennifer M.; Oliveira, Fabiano; Kamhawi, Shaden; Mans, Ben J.;  
 Reynoso, David; Seitz, Amy E.; Lawyer, Phillip; Garfield, Mark; Pham, MyVan...

Abstract: ...using these two cDNA libraries and two other sandfly salivary gland  
 cDNA libraries from *P. ariasi* and *Lutzomyia longipalpis*, also vectors of visceral  
 leishmaniasis. Full-length secreted proteins from each sandfly...

Descriptors:

...Phlebotomus ariasi,

Systematics:

*Lutzomyia longipalpis*--( Psychodidae )

*Phlebotomus argentipes*-- ( Psychodidae )

*Phlebotomus ariasi*--( Psychodidae )

*Phlebotomus perniciosus*--( Psychodidae )

```
? e au=belkaid, yasmine
Ref  Items  Index-term
E1    100  AU=BELKAID, YASMINE
E2     1  AU=BELKAIED, M
E3     2  AU=BELKAL C
E4     2  AU=BELKALE
E5     2  AU=BELKALE N
E6    10  AU=BELKALE P
E7     1  AU=BELKALE, N.
E8     2  AU=BELKALE, PRAKASH
E9     1  AU=BELKALE, PRAKASH
E10    7  AU=BELKALEM B
E11    4  AU=BELKALEM M
E12    1  AU=BELKALEM MOHAMED BOUSSAD
E13    1  AU=BELKALEM, B
E14    3  AU=BELKALEM, B.
E15    1  AU=BELKALEM, BOUSSAD
E16    1  AU=BELKALEM, M
E17    3  AU=BELKALEM, M.
E18    1  AU=BELKALIA
E19    1  AU=BELKALOUL ABDELOUAHAB
E20    3  AU=BELKALOUL O
E21    1  AU=BELKALOUL O.
E22    4  AU=BELKAMEL B
E23    1  AU=BELKAMEL J
E24    3  AU=BELKAMEL J.
E25    1  AU=BELKAMEL, ABDELJALIL
Enter PAGE for more
```

```
? s e1
S9    100  AU='BELKAID, YASMINE'
```

```
? s s9 and ariasi
      100  S9
      959  ARIASI
S10    1  S S9 AND ARIASI
```

```
? e au=fischer, laurent
```

Ref	Items	Index-term
E1	1	AU=FISCHER, LAURA E.
E2	3	AU=FISCHER, LAURA J.
E3	28	AU=FISCHER, LAURENT
E4	7	AU=FISCHER, LAURENT BERNARD
E5	1	AU=FISCHER, LAURENT JEAN-CHARLES
E6	1	AU=FISCHER, LAURICE K.
E7	1	AU=FISCHER, LAURICE K.
E8	1	AU=FISCHER, LAURIE
E9	4	AU=FISCHER, LAVE
E10	5	AU=FISCHER, LAWRENCE
E11	1	AU=FISCHER, LAWRENCE EMERSON
E12	4	AU=FISCHER, LAWRENCE J.
E13	58	AU=FISCHER, LAWRENCE J.
E14	5	AU=FISCHER, LAWRENCE JOSEPH
E15	1	AU=FISCHER, LAWRENCE M.
E16	2	AU=FISCHER, LAWRENCE M.
E17	4	AU=FISCHER, LAWRENCE S.
E18	1	AU=FISCHER, LAWRENCEN P.
E19	1	AU=FISCHER, LD
E20	5	AU=FISCHER, LE
E21	3	AU=FISCHER, LEE A.
E22	3	AU=FISCHER, LEE M.
E23	1	AU=FISCHER, LEEWELLYN C.
E24	1	AU=FISCHER, LEIGH
E25	1	AU=FISCHER, LEILA R.B.

Enter PAGE for more

? s e1-e5

1	AU=FISCHER, LAURA E.
3	AU=FISCHER, LAURA J.
28	AU=FISCHER, LAURENT
7	AU=FISCHER, LAURENT BERNARD
1	AU=FISCHER, LAURENT JEAN-CHARLES
40	S E1-E5

S11

? s s11 and arias1

40	S11
959	ARIASI
3	S S11 AND ARIASI

S12

? t s12/3,k/1-3

>>>W: KWIC option is not available in file(s): 399

12/3,k/1 (Item 1 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0002867878 IP Accession No: 6965986

From transcriptome to immunome: Identification of DTH inducing proteins from a Phlebotomus ariasi salivary gland cDNA library

Oliveira, Fabiano; Kamhawi, Shaden; Seitz, Amy E; Pham, van My; Guigal, Pierre M; Fischer, Laurent; Ward, Jerrold; Valenzuela, Jesus G Vector Molecular Biology Unit, Laboratory of Malaria and Vector Research, National Institute of Allergy and Infectious Diseases, NIH, 12735 Twinbrook Parkway, Room 2E-22C, Rockville, Maryland 20852, USA, [mailto:jvalenzuela@niaid.nih.gov]  
vaccine, v 24, n 3, p 374-390, 2006  
Publication Date: 2006  
Publisher: Butterworth-Heinemann, 313 Washington St. Newton MA 02158 USA

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0264-410X

File Segment: Entomology Abstracts; Medical & Pharmaceutical Biotechnology Abstracts; Immunology Abstracts

From transcriptome to immunome: Identification of DTH inducing proteins from a *Phlebotomus ariasi* salivary gland cDNA library

Oliveira, Fabiano; Kamhawi, Shaden; Seitz, Amy E; Pham, van My; Guigal, Pierre M; Fischer, Laurent; Ward, Jerrold; Valenzuela, Jesus G

Abstract:

...and DNA immunisation were used to identify twelve DTH inducing proteins isolated from a *Phlebotomus ariasi* salivary gland cDNA library. Additionally, nine *P. ariasi* DNA plasmids produced specific anti-saliva antibodies, four of these showed a Th1 immune response... plasmids, mice previously exposed to sand fly saliva were intradermally injected once with selected *P. ariasi* plasmids and a specific DTH response consisting of infiltration of mononuclear cells in varying proportions...

Descriptors: ...Salivary gland; DNA sequencing; Hypersensitivity (delayed); Leukocytes (mononuclear); Saliva; Vector-borne diseases; Disease transmission; *Phlebotomus ariasi*; Psychodidae

Identifiers:

12/3,K/2 (Item 1 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

145164862

CA: 145(9)164862w

JOURNAL

From transcriptome to immunome: Identification of DTH inducing proteins from a *Phlebotomus ariasi* salivary gland cDNA library

Author: Oliveira, Fabiano; Kamhawi, Shaden; Seitz, Amy E.; Pham, van My; Guigal, Pierre M.; Fischer, Laurent; Ward, Jerrold; Valenzuela, Jesus G.

Location: Vector Molecular Biology Unit, Laboratory of Malaria and Vector Research, National Institute of Allergy and Infectious Diseases, Rockville, MD, 20852, USA

Journal: Vaccine

Date: 2006

Volume: 24 Number: 3 Pages: 374-390

CODEN: VACCDE

ISSN: 0264-410X

Publisher Item Identifier: 0264-410X(05)00749-8

Language: English

Publisher: Elsevier B.V.

12/3,K/3 (Item 2 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

140298633

CA: 140(19)298633c

PATENT

Protein and nucleic acid sequences of *P. ariasi* and *P. perniciosus* polypeptides and its therapeutic uses

Inventor (Author): Valenzuela, Jesus G.; Ribiero, Jose M. C.; Kamhawi, Shaden; Belkaid, Yasmine; Fischer, Laurent; Audonnet, Jean-Christophe; Milward, Francis

Location: USA

Assignee: The Government of the United States of America as Represented by the Secretary of the Department of Health and Human Services; Meril Limited

Patent: PCT International; WO 200427041 A2

Date: 20040401

Application: WO 2003US29833 (20030918) \*US PV412327 (20020919) \*US PV425852 (20021112)

Pages: 200 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: C12N-000/A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD

Designated Regional: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

? e au=audonnet, j?

Ref	Items	Index-term
E1	0	AU=AUDONNET, J?
E2	6	AU=AUDONNET, JC
E3	2	AU=AUDONNET, JCR
E4	5	AU=AUDONNET, JEAN CHRISTOPHE
E5	6	AU=AUDONNET, JEAN CHRISTOPHE FRANCIS
E6	1	AU=AUDONNET, JEAN-CHRISTOPHE
E7	39	AU=AUDONNET, JEAN-CHRISTOPHE
E8	2	AU=AUDONNET, JEAN-CHRISTOPHE FRANC
E9	26	AU=AUDONNET, JEAN-CHRISTOPHE FRANCIS
E10	1	AU=AUDONNET, JEAN-DHRISTOPHE
E11	9	AU=AUDONNET, JF
E12	2	AU=AUDONNET, JFCI
E13	4	AU=AUDONNET, S.
E14	1	AU=AUDONNET, SANDRA
E15	1	AU=AUDONNET, JACQUES
E16	1	AU=AUDOOR, SIBYLLE
E17	14	AU=AUDOORN L
E18	3	AU=AUDOORN L.
E19	1	AU=AUDOORN LIEVE
E20	10	AU=AUDOORN, L
E21	5	AU=AUDOORN, L.
E22	2	AU=AUDORF F
E23	1	AU=AUDORF F.
E24	1	AU=AUDORFF H
E25	1	AU=AUDORFF HUBERT

Enter PAGE for more

? s e4-e10

	5	AU=AUDONNET, JEAN CHRISTOPHE
	6	AU=AUDONNET, JEAN CHRISTOPHE FRANCIS
	1	AU=AUDONNET, JEAN-CHRISTOPHE
	39	AU=AUDONNET, JEAN-CHRISTOPHE
	2	AU=AUDONNET, JEAN-CHRISTOPHE FRANC
	26	AU=AUDONNET, JEAN-CHRISTOPHE FRANCIS
	1	AU=AUDONNET, JEAN-DHRISTOPHE
S13	80	S E4-E10

? s s13 and ariasi

	80	S13
	959	ARIASI
S14	1	S S13 AND ARIASI

? e au=milward, f?

Ref	Items	Index-term
E1	20	AU=MILWARD, F.
E2	9	AU=MILWARD, F. W.

arias1.txt

```

E3      0 AU=MILWARD, F?
E4      2 AU=MILWARD, FRANCIS
E5      3 AU=MILWARD, FRANCIS W
E6      1 AU=MILWARD, FRANCIS W.
E7      4 AU=MILWARD, FRANCIS WILLIAM
E8      1 AU=MILWARD, FRANK
E9      6 AU=MILWARD, FW
E10     2 AU=MILWARD, G. A. F.
E11     2 AU=MILWARD, G. C
E12     2 AU=MILWARD, G. C.
E13     1 AU=MILWARD, G.C.
E14     2 AU=MILWARD, G.P.
E15     1 AU=MILWARD, GC
E16     1 AU=MILWARD, GEOFFREY C
E17     3 AU=MILWARD, GEOFFREY C.
E18     1 AU=MILWARD, GILBERT H.
E19     1 AU=MILWARD, H.
E20     2 AU=MILWARD, H. B.
E21     1 AU=MILWARD, H.K.
E22     1 AU=MILWARD, HENDREE BRINTON, JR.
E23     1 AU=MILWARD, J
E24     3 AU=MILWARD, J.
E25     3 AU=MILWARD, J. R
Enter PAGE for more

```

```

? s e1-e7
      20 AU=MILWARD, F.
      9 AU=MILWARD, F. W.
      0 AU=MILWARD, F?
      2 AU=MILWARD, FRANCIS
      3 AU=MILWARD, FRANCIS W
      1 AU=MILWARD, FRANCIS W.
      4 AU=MILWARD, FRANCIS WILLIAM
S15    39 S E1-E7

```

```

? s s15 and arias1
      39 S15
     959 ARIASI
S16     1 S S15 AND ARIASI

```

```

? d s
Set    Items  Description
S1      184   S E15-E21
S2      130   RD (unique items)
S3        7   S S2 AND ARIASI
S4        5   S E1-E5
S5        1   S S4 AND ARIASI
S6       67   S E1-E4
S7        6   S S6 AND ARIASI
S8        4   RD (unique items)
S9      100   AU='BELKAID, YASMINE' FROM 5, 6, 24, 34, 40, 41, 45, 50, 65, 71, 72,
73, 76, 98, 103, 136, 143, 144, 154, 155, 156, 162, 172, 305, 369, 370, 393, 399,
434, 28, 35, 44, 91, 110, 135, 164, 185, 357, 391, 467, 8, 99, 266, 315, 358, 138,
149, 159, 444
S10      1   S S9 AND ARIASI
S11     40   S E1-E5
S12      3   S S11 AND ARIASI
S13     80   S E4-E10
S14      1   S S13 AND ARIASI
S15     39   S E1-E7
S16      1   S S15 AND ARIASI

```